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FM SECSTATE WASHDC
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UNCLAS STATE 099666

SENSITIVE

E.O. 12958: N/A

TAGS: [KNNP](#) [TRGY](#) [PREL](#) [PARM](#) [IR](#) [MNUC](#) [AORC](#) [IAEA](#) [UNSC](#) [UK](#) [GM](#) [FR](#)
BE, IT, SZ

SUBJECT: CRITICAL EQUIPMENT NEEDS FOR IRAN,S NEW IR-2
CENTRIFUGE DESIGN

REF: A. STATE 021770
[B](#). STATE 039585
[C](#). STATE 052030

[1](#)1. (U) This is an action request. Please see paragraph 3.

[1](#)2. (SBU) BACKGROUND: Washington provided all Nuclear Suppliers Group (NSG) Participating Government (PGs) with detailed information regarding the critical commodities Iran will require to support the deployment of the next generation of gas centrifuges for its uranium enrichment program in ref [1](#)C. Washington subsequently identified a list of those technologies which Iran cannot indigenously manufacture, and would need to procure from foreign suppliers. We would like to provide information about key suppliers resident in certain European PGs. The U.S. is making a similar approach to host governments in Asia, as well as key transshipment countries. The U.S. intends to approach governments with any new developments in the U.S.,s efforts to prevent Iranian procurement of critical commodities.

[1](#)3. (SBU) ACTION REQUEST: Posts are requested to approach appropriate host government officials to deliver the nonpaper in para 4. In doing so, posts should pursue the following objectives:

-- Share information on ongoing USG efforts to prevent Iranian procurement of key gas centrifuge-related commodities and provide additional information to specific NSG PGs to make them aware of companies that are major suppliers of such items in their country.

-- Encourage host governments, if they have not already done so, to discuss and highlight to businesses and law enforcement authorities the importance of vigilance against the deceptive procurement practices of Iran particularly relating to items useful in a gas centrifuge program.

-- Urge host governments to share any relevant information from their industry outreach activities with the USG, the NSG, and the IAEA.

[1](#)4. (U) Begin U.S. non-paper

FOR ALL POSTS

-- Industry outreach is critical to ensuring that Iran cannot procure items to advance its WMD programs, including its uranium enrichment activities.

-- Even though the U.S. has enacted comprehensive economic sanctions against the Iranian government, the U.S. government is undertaking various initiatives to raise awareness among U.S. industry to avoid illicit diversion of their products, and prevent the unwitting transfer of items to Iran that may contribute to Iran,s nuclear, ballistic missile, and advanced conventional weapons programs.

-- For example, the U.S. alerts U.S. companies that Iran uses deceptive tactics to make its procurement efforts for its nuclear, ballistic missile, and advanced conventional weapons programs appear to be legitimate commercial activities. Iranian entities also form front companies in other countries for the sole purpose of sending dual-use items to Iran for use in these programs. These front companies enable the regime to obtain materials that the country of origin would typically prohibit for export to Iran.

-- Therefore, we are asking U.S. companies to be extremely vigilant about their overseas customers, especially customers operating in known transshipment countries and countries with weak or nonexistent export controls.

-- The U.S. government is currently reaching out to U.S. manufacturers of critical commodities that Iran needs to procure from foreign suppliers for its new gas centrifuge design and alerting these companies to be cautious of unknown customers that may be procuring items on behalf of Iran, s illicit programs.

-- The U.S. government is also considering additional ways to alert industry and will keep your government informed of new developments in our industry outreach initiatives.

-- If you have not already done so, we encourage you to conduct outreach to your industry to raise awareness regarding the requirements of your export controls for Iran. We also request that you alert companies about Iran, s deceptive procurement practices.

-- Targeted outreach to companies known to produce these critical commodities can sensitize manufacturers and exporters to Iran, s deceptive procurement tactics and make them aware of export control regulations which) consistent with United Nations Security Council Resolutions (UNSCR) 1803, 1747, and 1737 - prohibit exporting sensitive commodities that could advance proliferation-sensitive nuclear activities in Iran, such as uranium enrichment, spent fuel reprocessing, heavy water production and/or reactor operation.

-- We ask that your government share any relevant information, such as inquiries your companies receive from Iranian entities, with the USG, the NSG, and the IAEA as this information could aid ongoing efforts to track Iranian procurement attempts and provide additional insight on Iranian procurement practices.

-- We are seeking ways to present information to broad groups of likely suppliers, re-exporters or transshippers on the critical commodities Iran is seeking from foreign suppliers for its nuclear and missile programs. We would like to hear your government, s suggestions on how to best accomplish this and are open to further discussions at the expert level.

-- The following companies are major producers of critical commodities that Iran needs to procure from foreign suppliers for the new gas centrifuge design.

FOR BERLIN

Carbon Fiber:

-- SGL Carbon AG, Rheingastr. 182-184, Wiesbaden, 65203,
Tel: 49-611-6029-0, Website: www.sglcarbon.com

Filament Winding Machines:

-- Josef Baer Maschinentabrik, Friedenstrass 32, 88250
Weingarten, Wrtt

-- IWT Industrielle Wickeltechnik GmbH, Weinstrasse 39, 91058
Erlangen, Tel: 49-9131-698275, Website: www.iwt-gmbh.de

-- DLR Institute of Structures and Design, German Aerospace
Center, Pfaffenwaldring 38-40, 70569 Stuttgart, Tel:
49-711-6862-0, Website: www.dlr.de

FOR BERN

Filament Winding Machines:

-- Huber Suhner AG, CH-8330 Pfaffikon ZH, Tel:
41-49-925-25-60, Website: www.hubersuhner.com

FOR PARIS

Filament Winding Machines:

-- Future Plastrex, a Division of Future Pipe Industries, 5
Rue Bellini 92806 Puteaux

FOR LONDON

Filament Winding Machines:

-- Pultrex Ltd., The Octagon, 27 Middleborough Colchester
Essex CO1 1TG, Tel: 44-1206-36955, Website: www.Pultrex.com

-- SPT Machines, Ltd., Unit K3 Brookside Avenue, Rustington,
Little Hampton, West Sussex BN16 3CF, Tel: 44-1903-784-212,
Website: www.sptmachines.co.uk

FOR BRUSSELS

Filament Winding Machines:

-- Material S.A., Lozengberg 23 1932 Zaventem, Brussels, Tel:
32-2-715-9494, Website: www.material.be

FOR ROME

Filament Winding Machines:

-- VEM SpA, Via Lago di Levico, 36015 Schio (VI), Italy, Tel:
39-0445-57-5955, Website: www.vem.it

-- Vetrorsina SpA, Via Portuense 10, 44020 Masis, Giacomo,
Tel: 39-0532-327911, Website: www.vetrorsina.com

FOR BERLIN, PARIS, LONDON, BRUSSELS, and ROME

-- We also request that your government encourage companies
to be cautious about requests to transfer these critical
commodities within the EU, as Iran may seek to exploit the EU
countries with weaker export control enforcement mechanisms
and limited knowledge of the sensitivity of these items.

REPORTING DEADLINE AND POC

(U) Posts are requested to report any substantive responses
within seven (7) days of receipt of this cable. Lisa Meyers
(ISN/CPI, 202-736-7939 MeyersLA@state.sgov.gov) is the
Department's POC for this activity.
RICE

NNNN

End Cable Text